

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

Number **ST2296NM**

*This Certificate issued to*

**TRANSNORTHERN AVIATION  
4510 OLD INTERNATIONAL AIRPORT ROAD  
ANCHORAGE, ALASKA 99502**

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.*

*Original Product Type Certificate Number:* 6A2

*Make:* McDonnell Douglas

*Model:* R4D-8, R4D-8Z

*Description of Type Design Change:* Installation of a propeller auto feather system utilizing total pressure probes in the propeller prop wash as the sending medium per Airpower Drawing List No. R4D-8411, Revision B dated August 15, 1984, or later FAA approved revision. Flight Manual Supplement No. 1 dated November 20, 1984, or later FAA approved revisions is required as part of this installation. Aircraft model R4D-8, S/N 43327, per R4D-8411 Revision A dated June 21, 1984.

*Limitations and Conditions:* The approval of this change in type design applies basically to the Douglas Models R4D-8 and R4D-8Z. This approval should not be extended to other specific aircraft of these models on which other previously modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect on the airworthiness of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* February 28, 1984

*Date reissued:* July 27, 2009

*Date of issuance:* July 17, 1984

*Date amended:* November 20, 1984



*By direction of the Administrator*  
  
(Signature)  
Manager, Technical and Administrative Support  
Los Angeles Aircraft Certification Office  
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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## TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transfer)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

from *(Name of grantor)* *(Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_